

Fig. 1

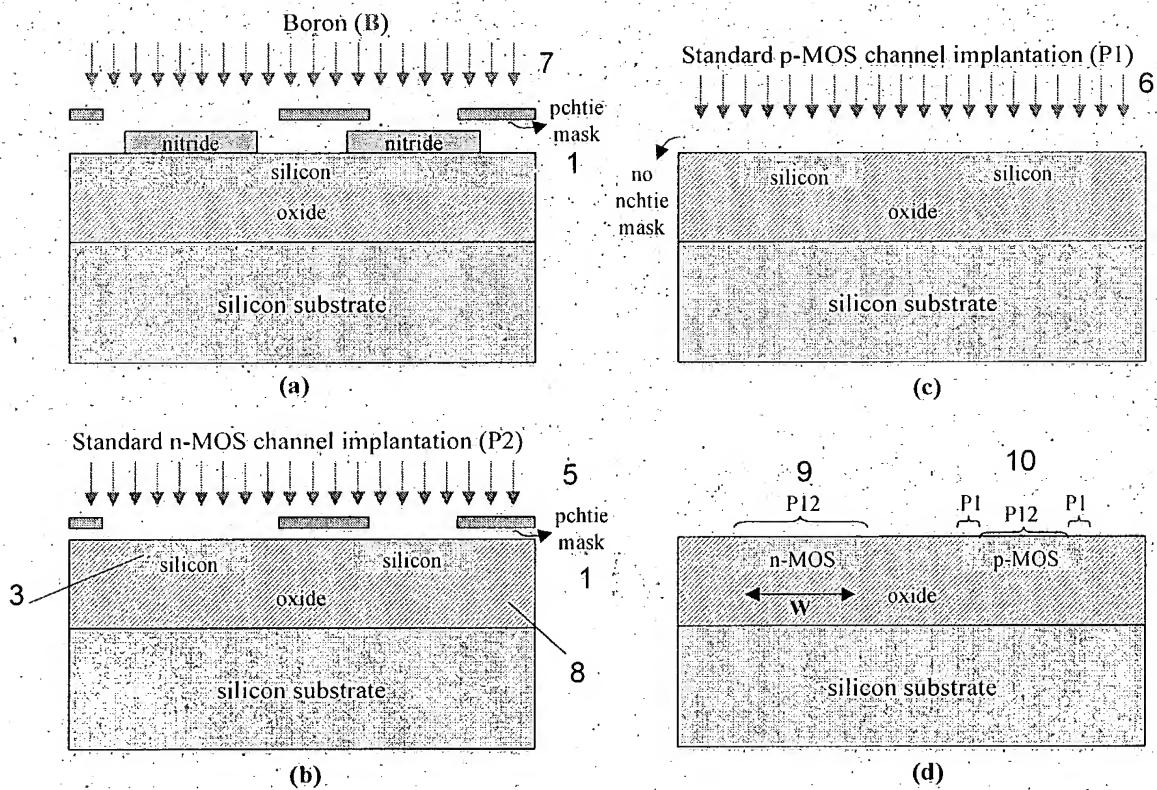


Fig. 2

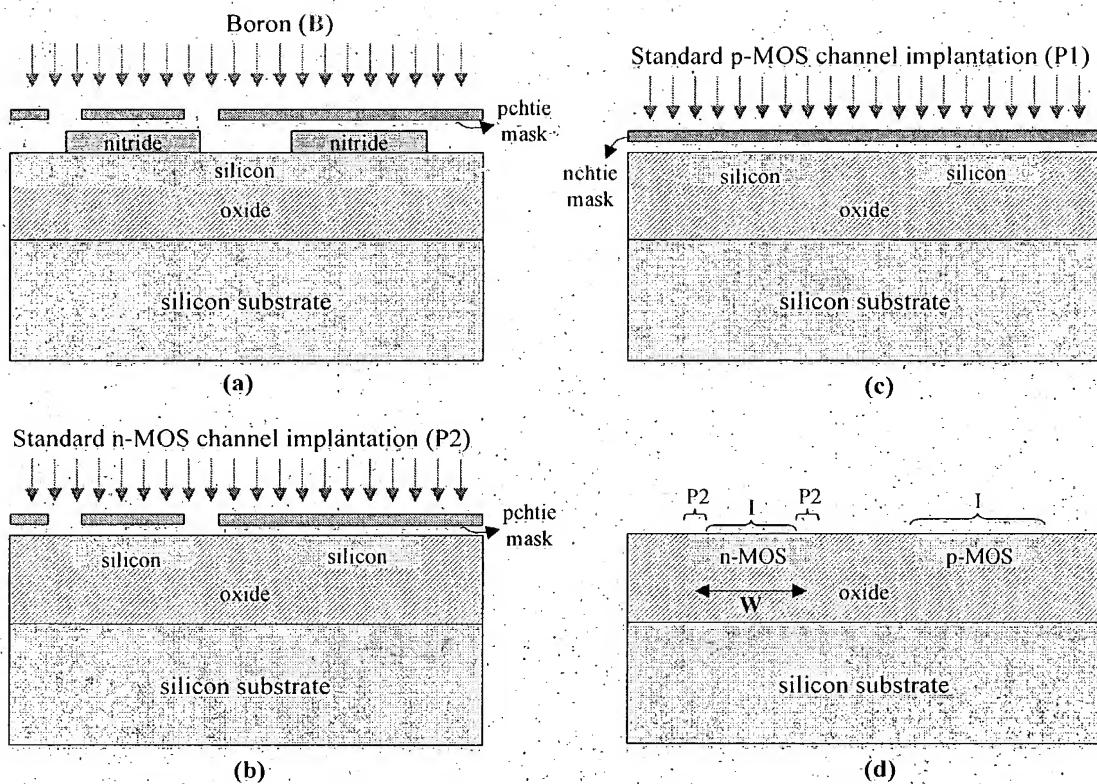


Fig. 3

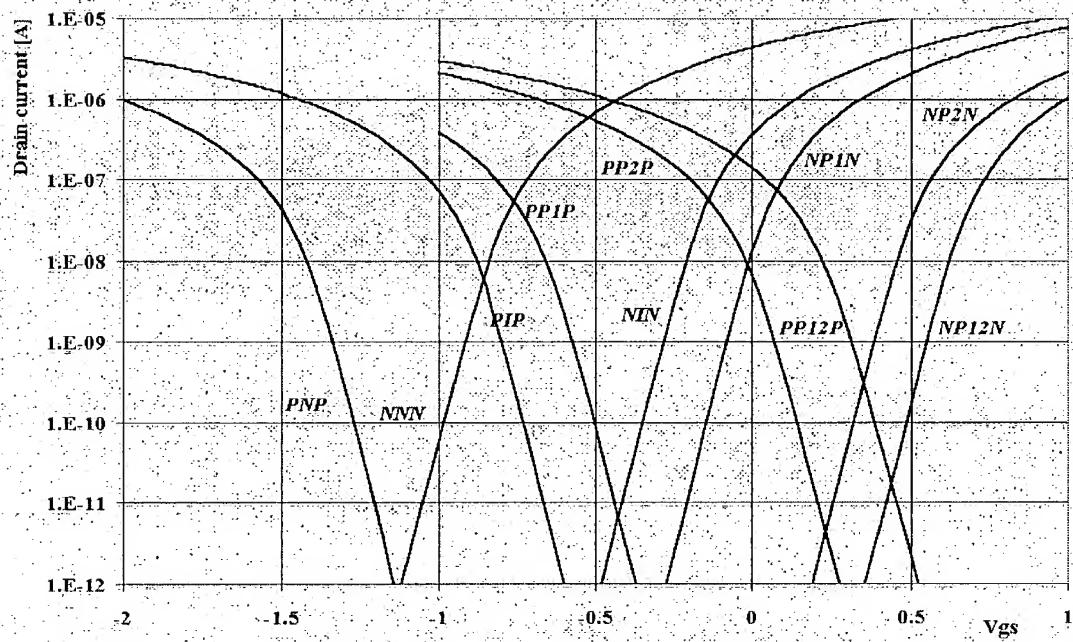


Fig. 4

3

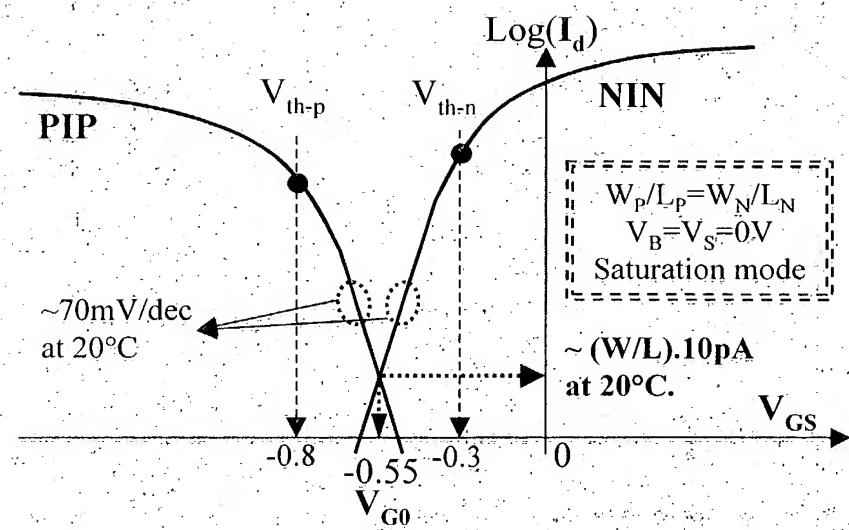


Fig. 5

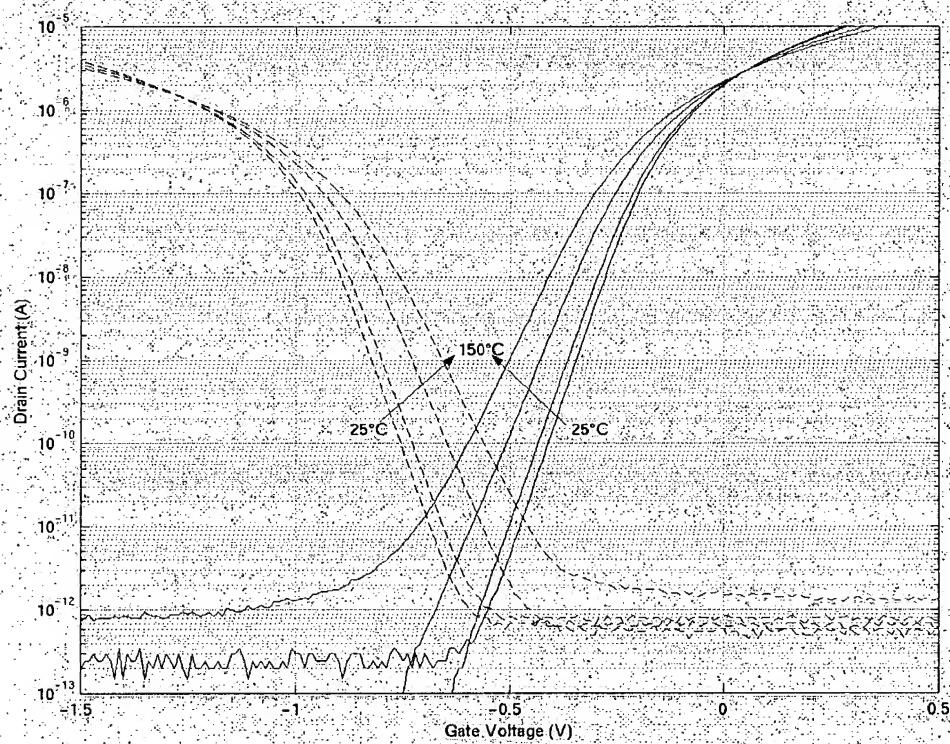


Fig. 6

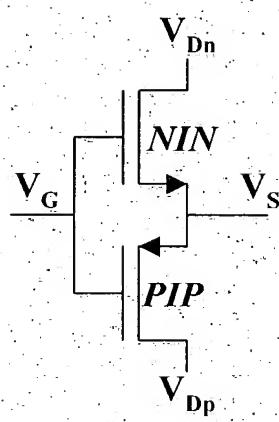


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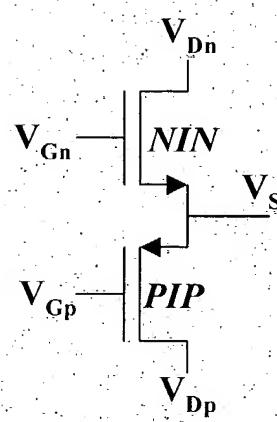


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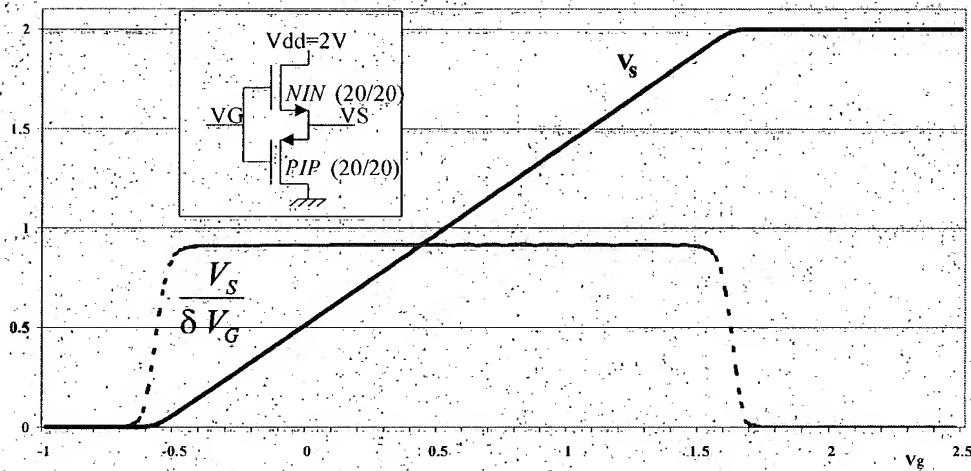


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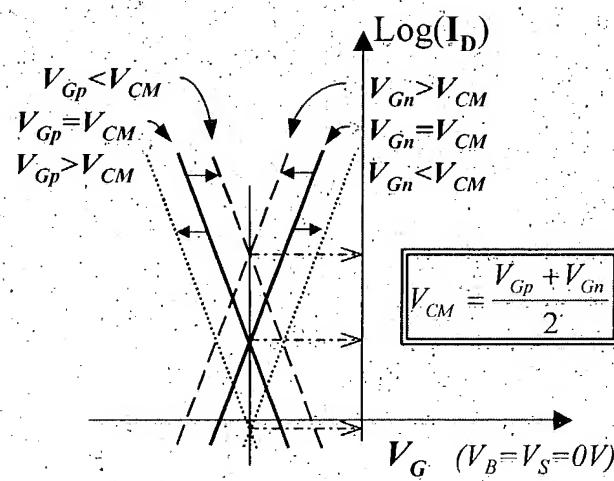


Fig. 10

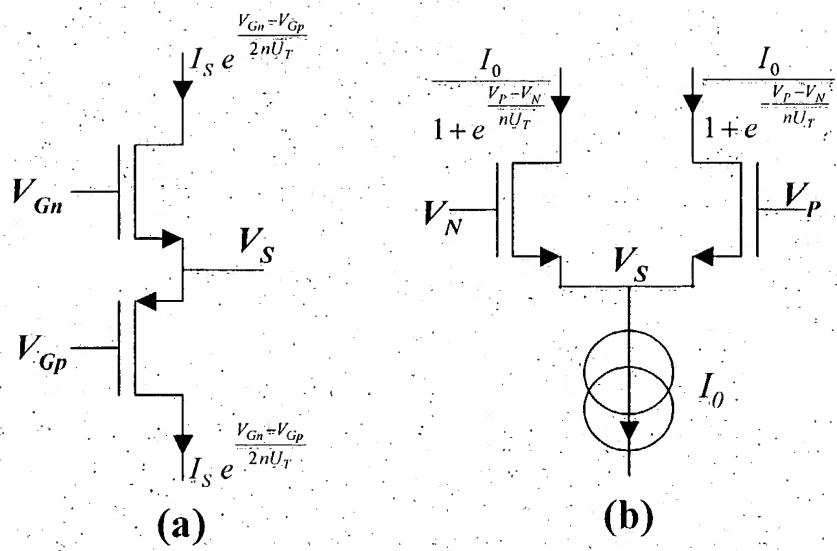


Fig. 11

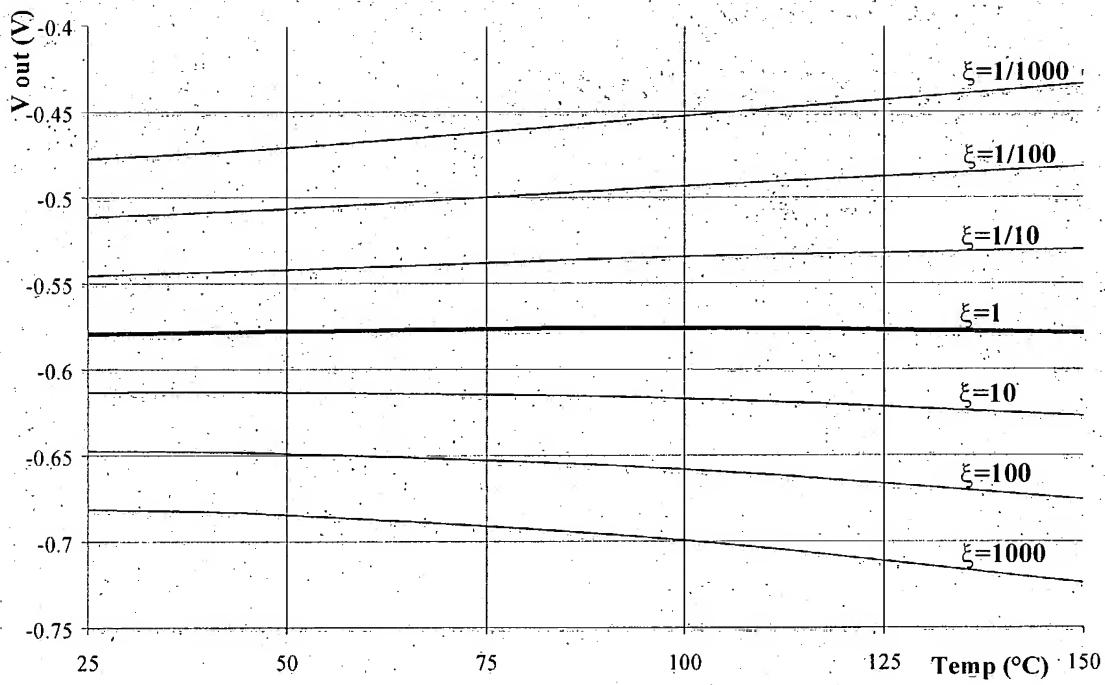


Fig. 12

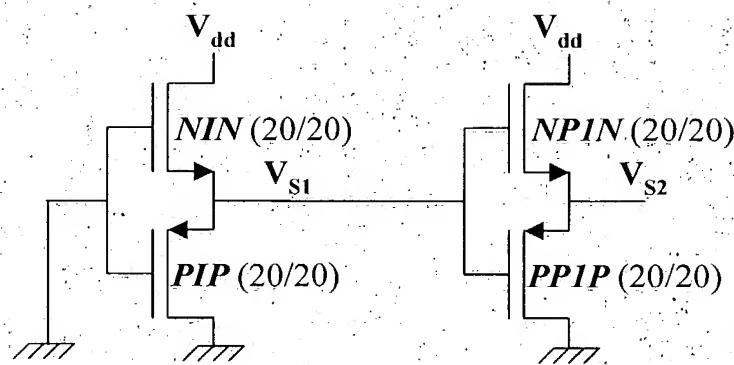


Fig. 13

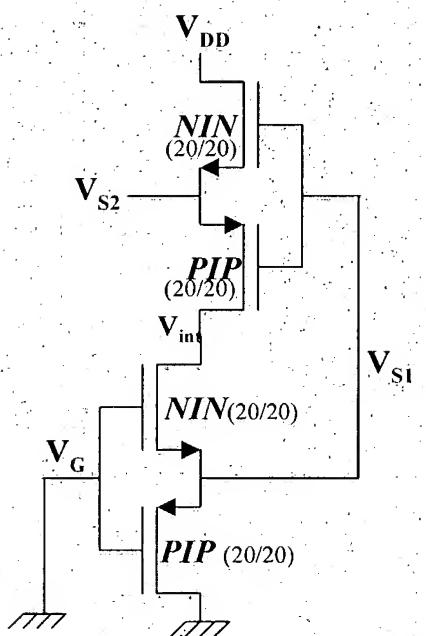
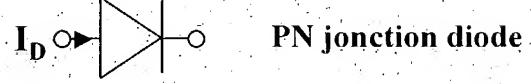
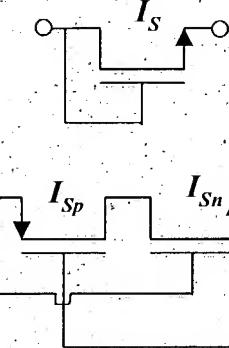


Fig. 14



PN junction diode



Standard MOS diode



ULP MOS diode

Fig. 15

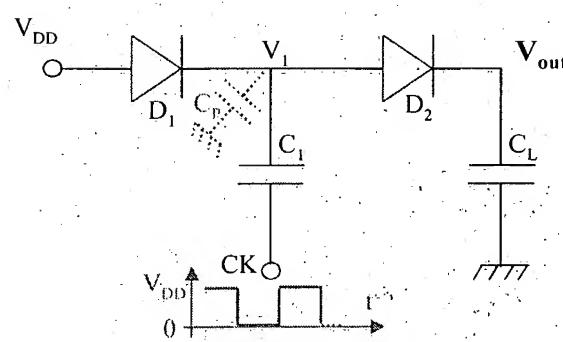


Fig. 17

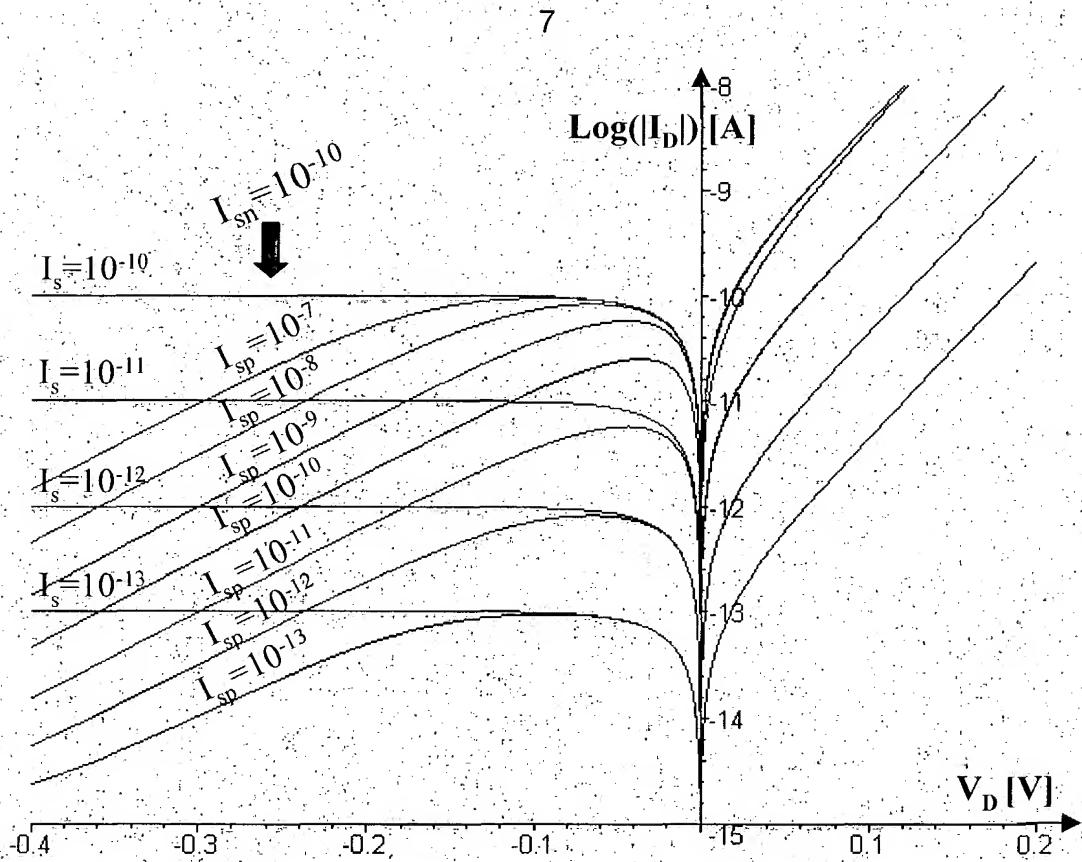


Fig. 16a

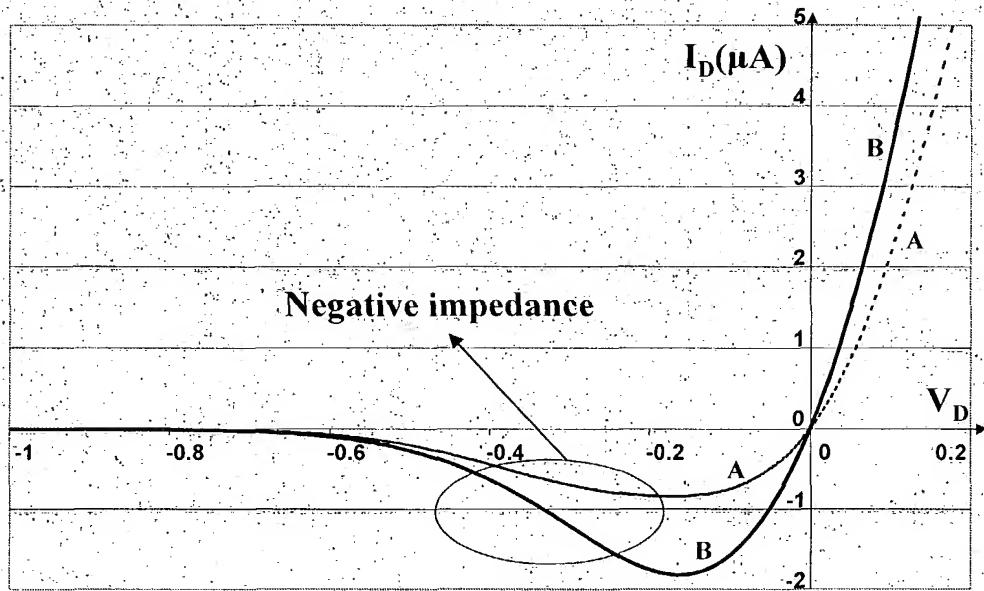


Fig. 16b

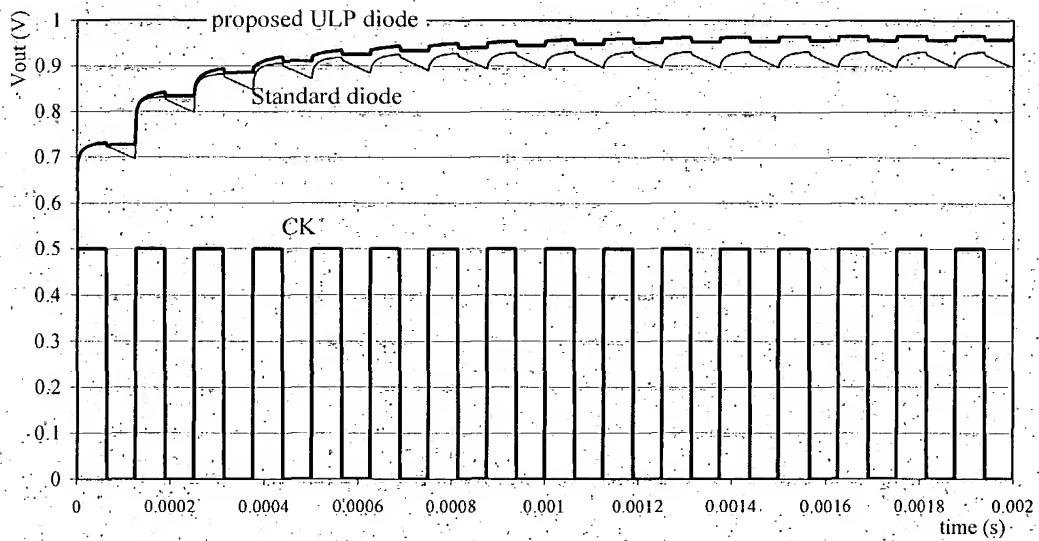


Fig. 18

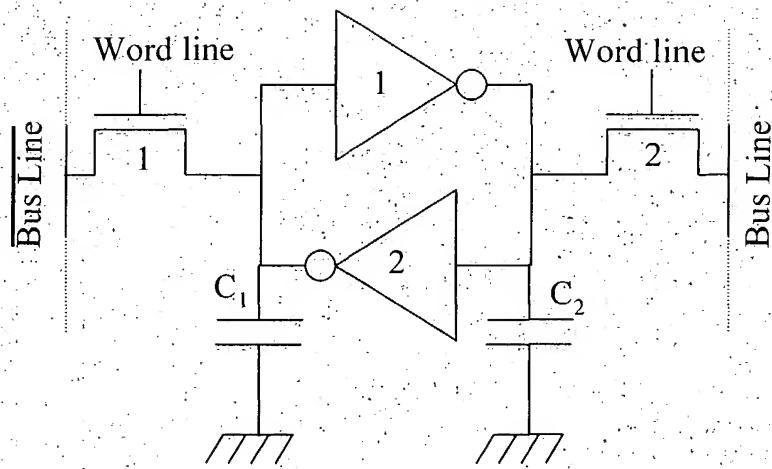
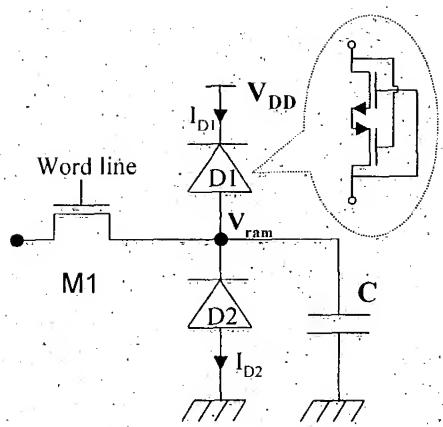


Fig. 19



(a)

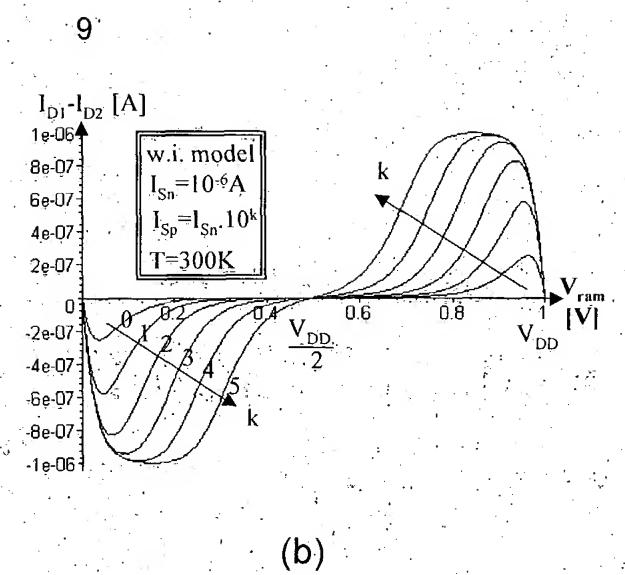


Fig. 20

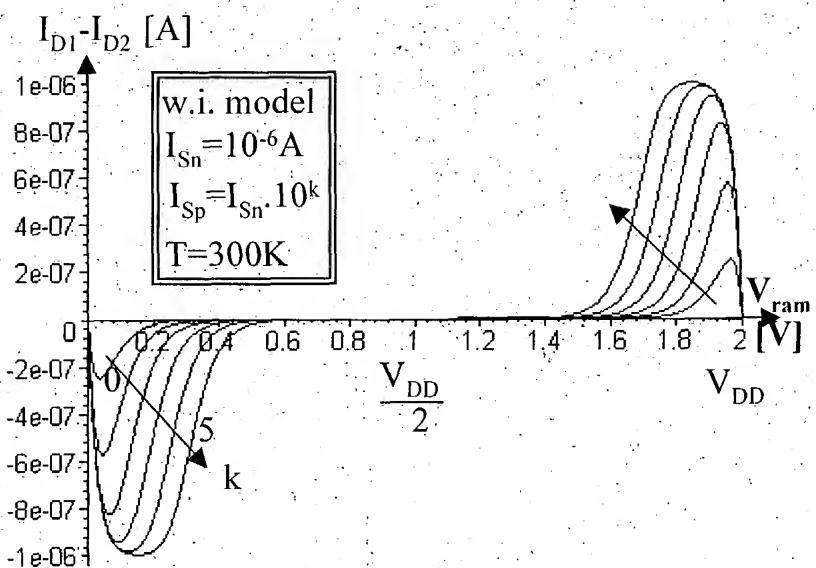


Fig. 21

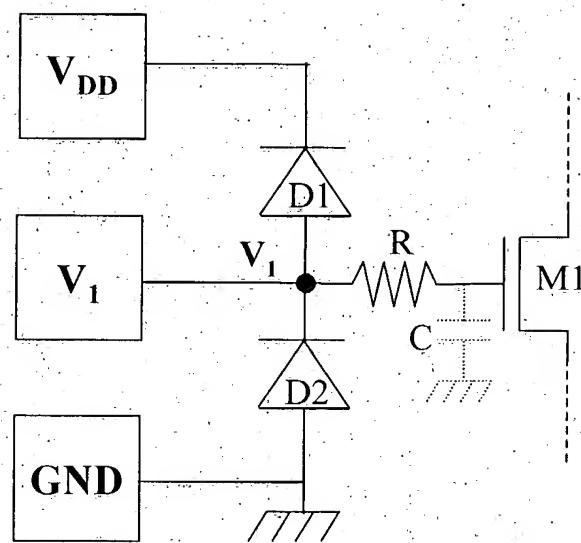


Fig. 22

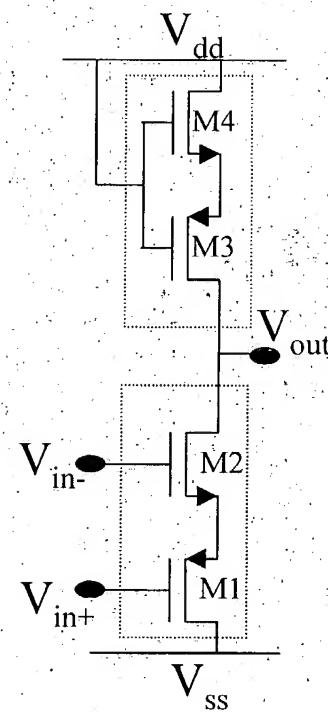
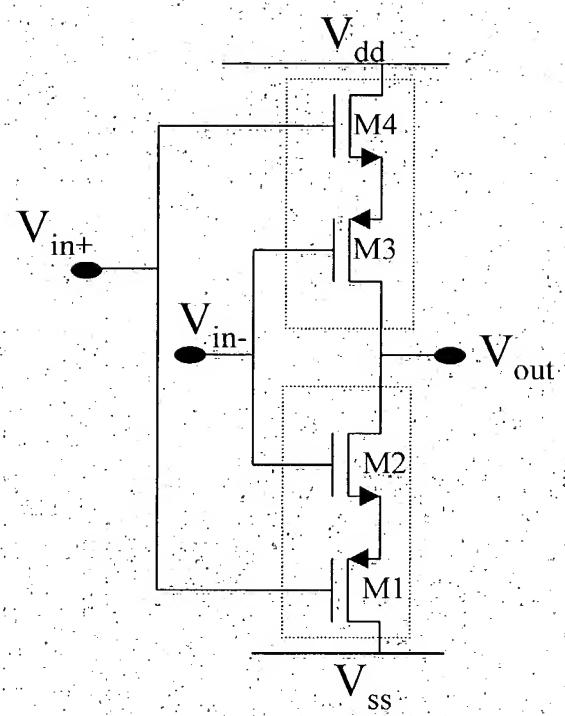
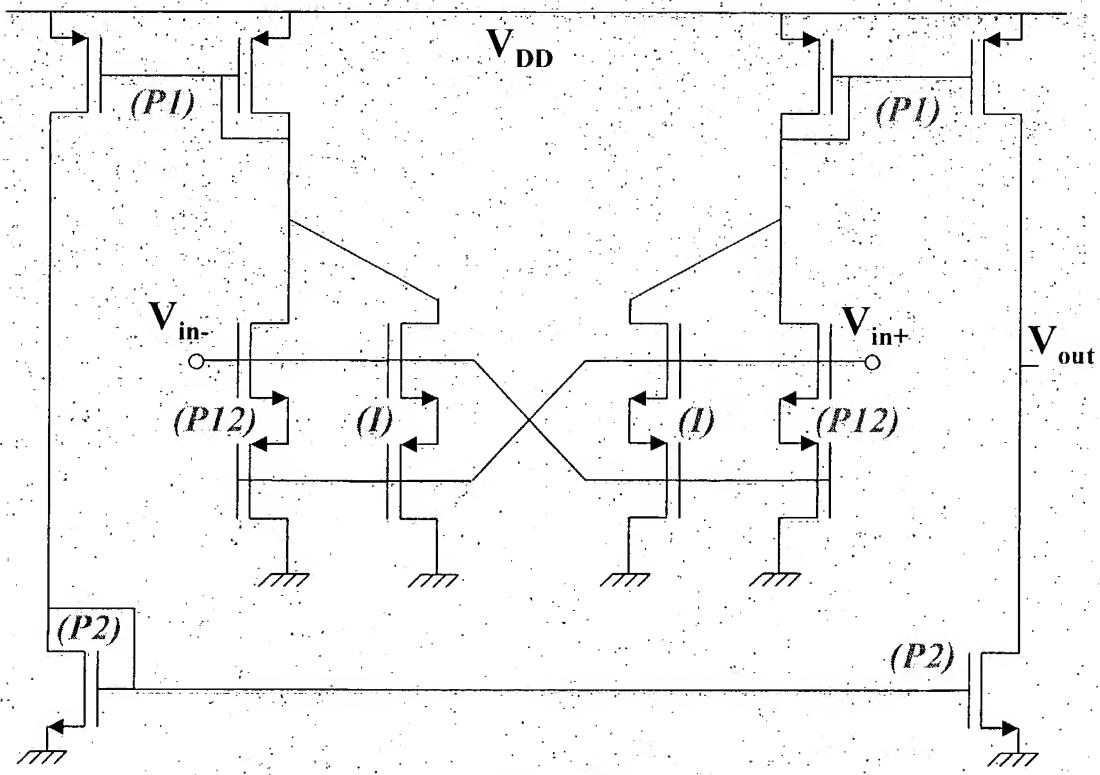


Fig. 23

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**Fig. 24****Fig. 25**

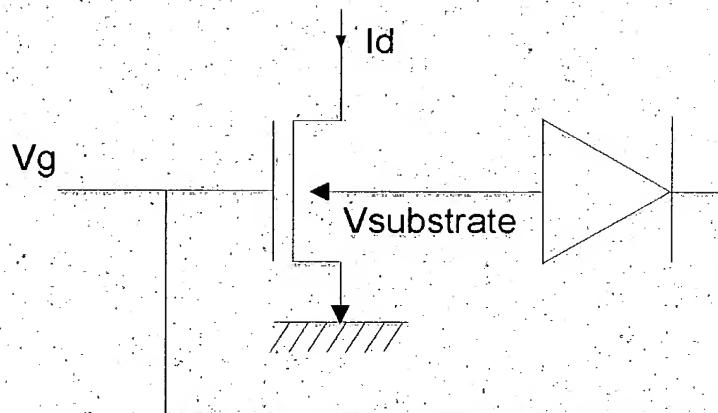


Fig. 26

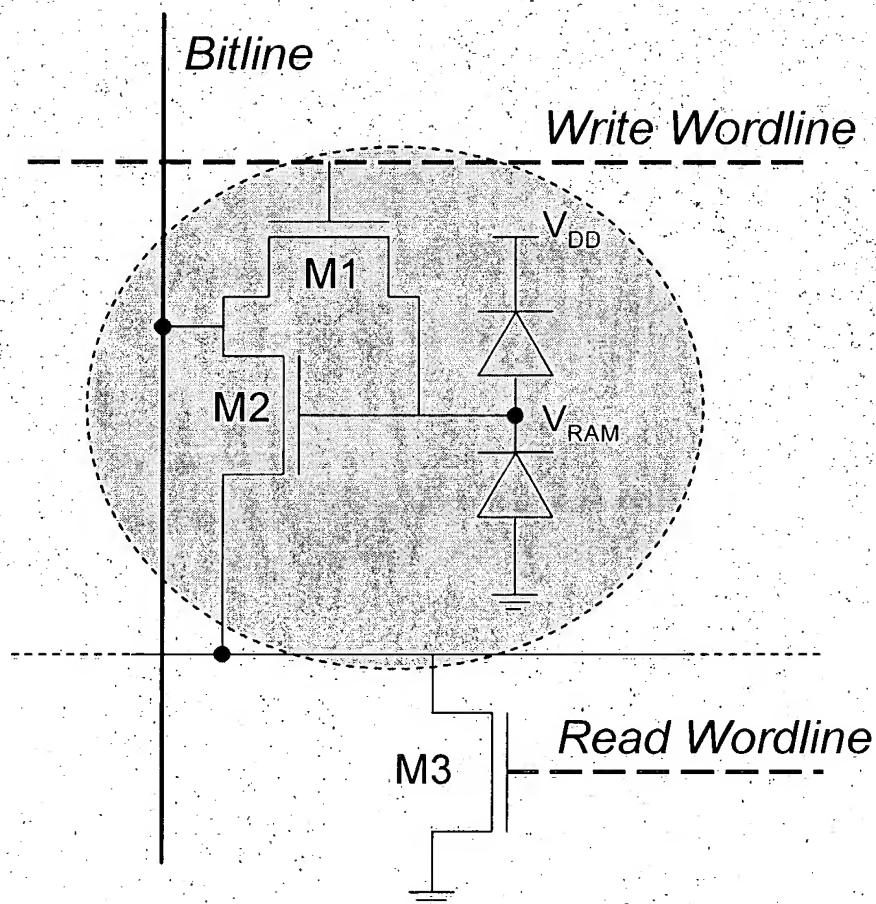


Fig. 27

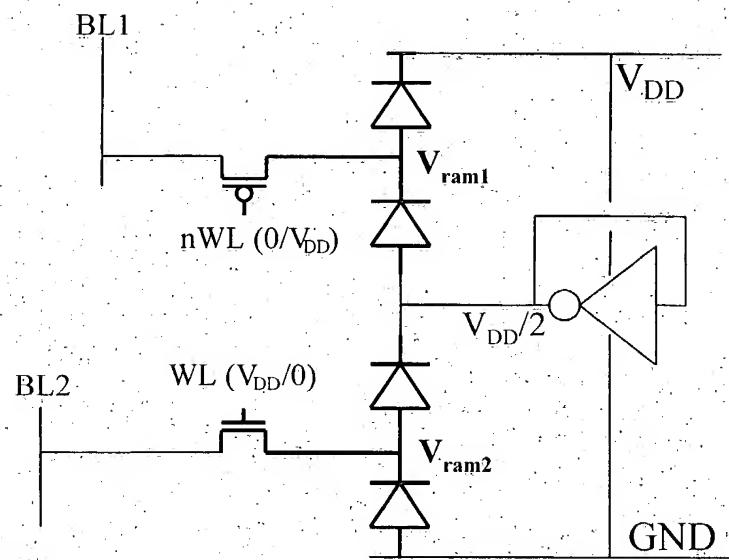


Fig. 28

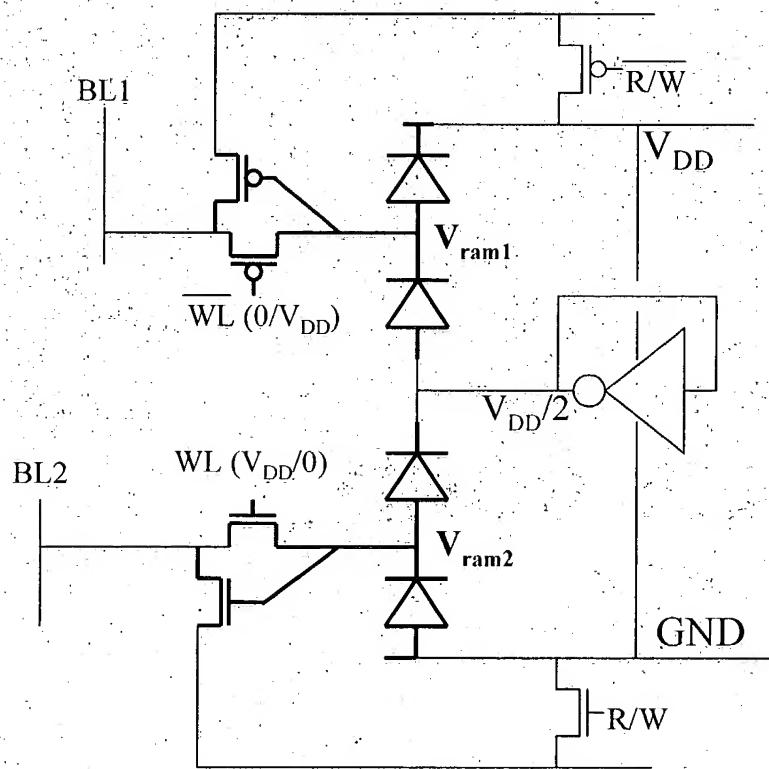
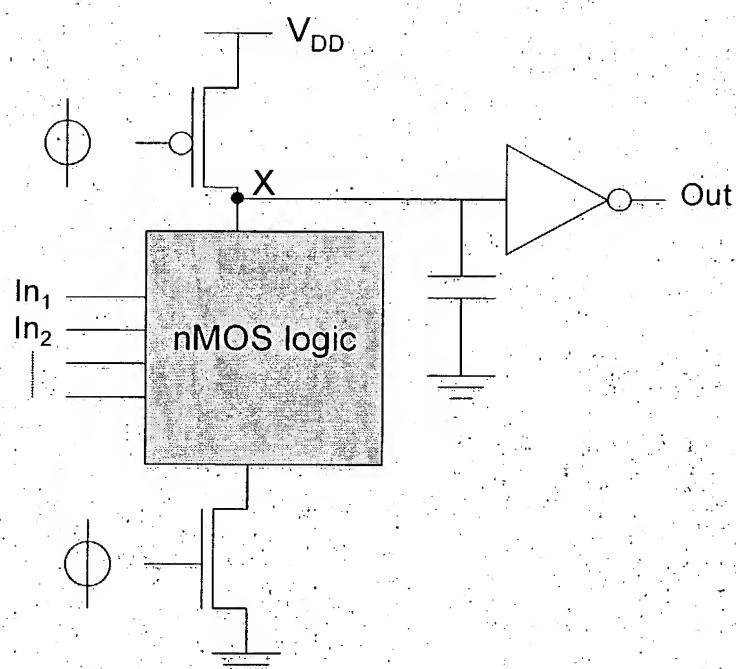
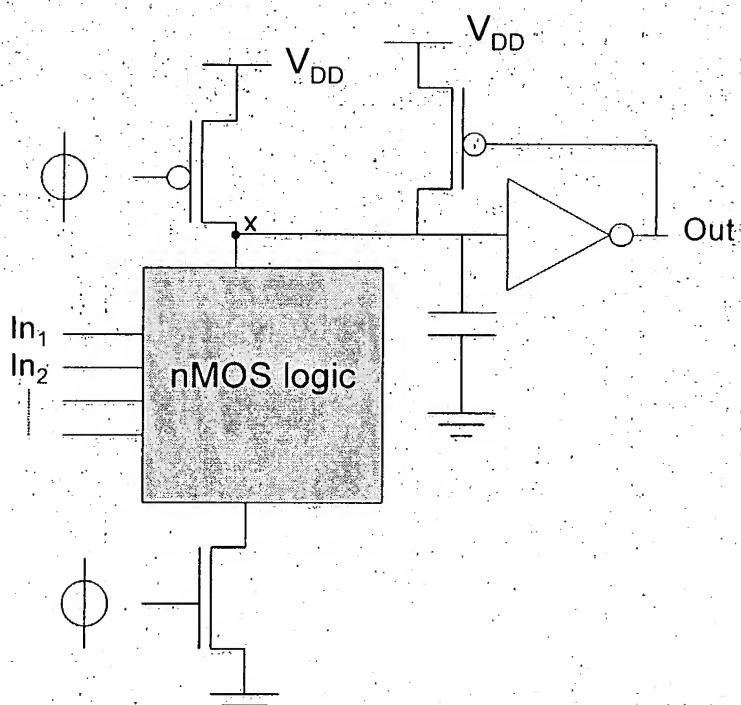
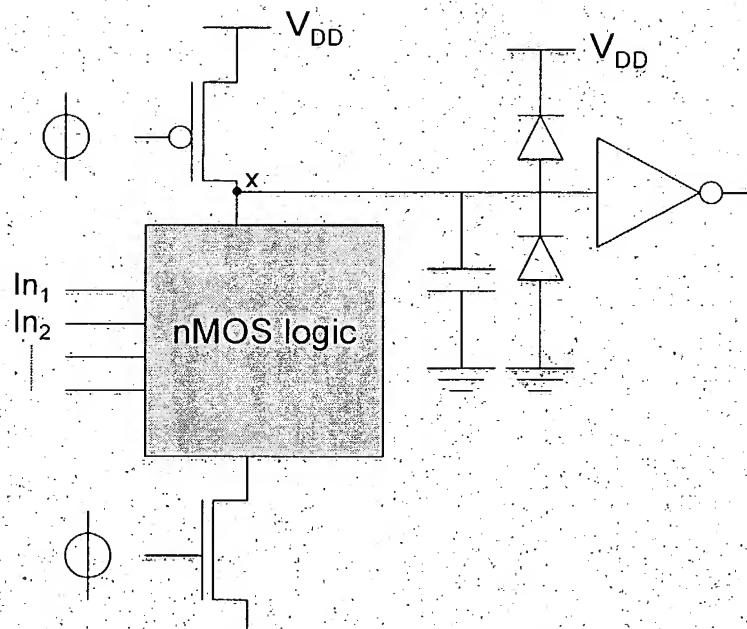
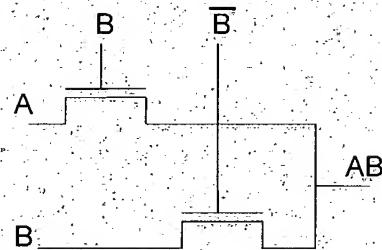
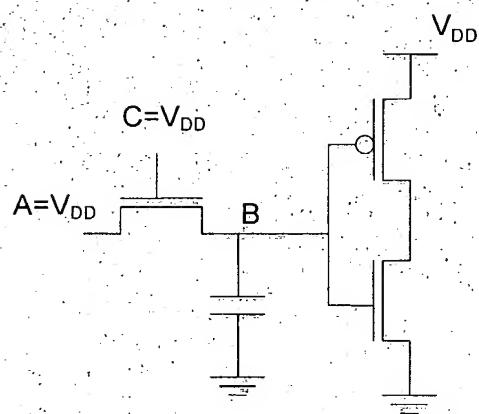
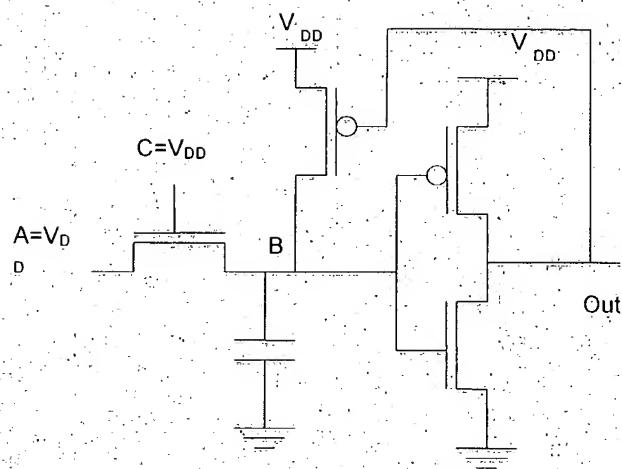
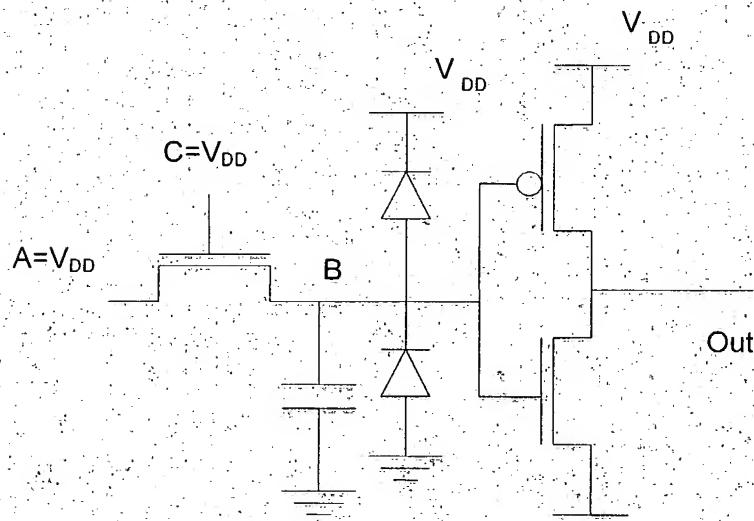
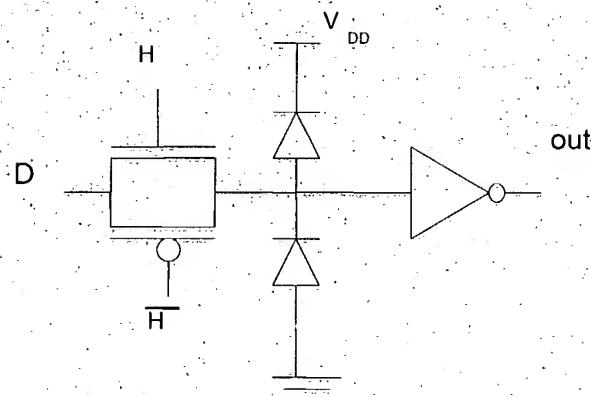


Fig. 29

**Fig. 30****Fig. 31**

**Fig. 32****Fig. 33****Fig. 34**

**Fig. 35****Fig. 36****Fig. 37**

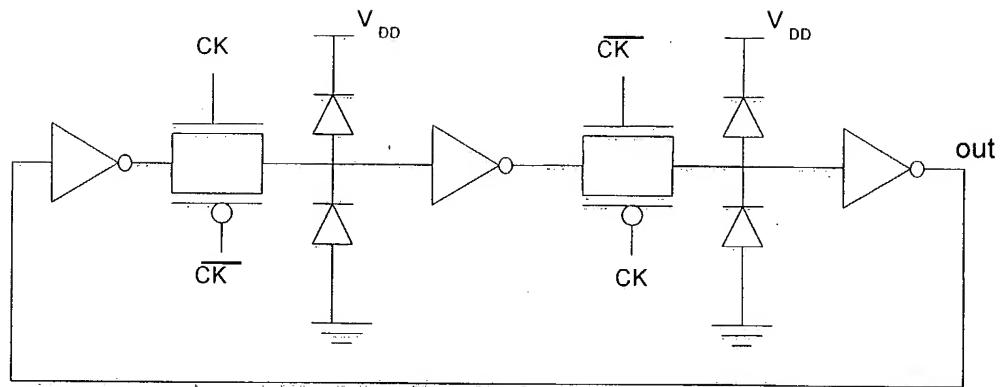


Fig. 38

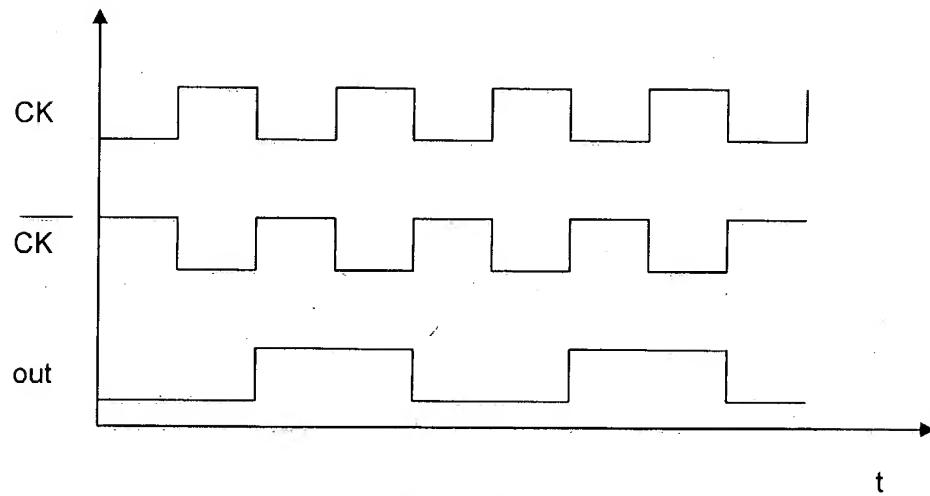


Fig. 39

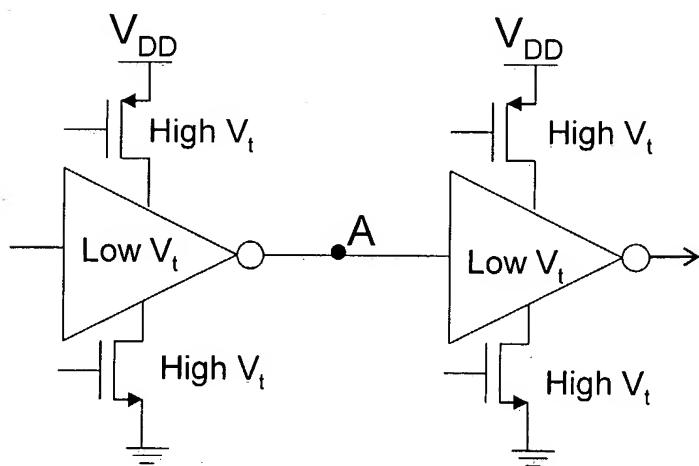


Fig. 40

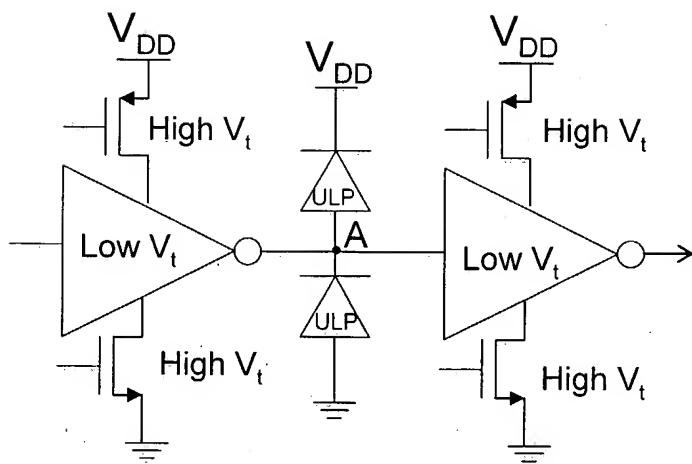


Fig. 41